



Certificate of Conformity

Issued to: Pacific Energy Fireplace Products Ltd.
Mr. Jeff Bain
2975 Allenby Road
Delta, BC V9L 6V8
Canada
250-748-1184
Model: TN20 (Series B), TN20 Insert (Series B)
AKA: True North 20
Effective Date: February 2, 2017
Revision Date: November 12, 2021
Dirigo Report # 034-S-074-1

Certification tests were performed by Dirigo Laboratories located at 11785 SE Highway 212, Suite 305, Clackamas, OR 97015

PFS-TECO certifies conformity to the following per 40 CFR Part 60 §60.533 (f) (A):

- The test report is complete and accurate.
- The instrumentation used for the test was properly calibrated.
- The representative model tested meets the applicable emission limits.
- The tests have been conducted per the appropriate guidelines.
- The manufacturer's Quality Control Plan has been reviewed to ensure that all production units are similar in all material respects that would affect emissions to the tested/certified model and that the units in the model line will meet all (other) applicable requirements.

PFS-TECO certifies that the emissions levels as measured in the test report are in compliance with the 2020 PM emission limit of ≤ 2.0 g/hr using cribwood per EPA Method 28R, ASTM E2780, ASTM E2515. Efficiency calculated per CSA B415.1-10

The weighted average emissions for the TN20 Series B wood heater is **1.6 g/hr** with an average efficiency of **72.7%**. Average CO emissions are **1.56 g/min.**

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11785 SE Highway 212
Suite 305
Clackamas, OR 97015

John Steinert, Vice President Hearth Products Div.

PFS-TECO is accredited by IAS to ISO 17020:2012 "Criteria for Bodies Performing Inspections", and ISO 17025:2005 "Requirements for Testing Laboratories." PFS-TECO is also accredited by Standards Council of Canada to ISO 17065:2012 "Requirements for Bodies Operating Product Certification Systems."



Revision History:

11/11/2021: The following revisions were made to the report.

- CO added in g/m - page 12
- Negative filter weight statement- page 17
- Added additional fuel load pictures to body of report-page 28
- Confirmed conditioning data compliant.
- Added firebox volume- page 21
- Added precision statement- page 14
- 1-hour filter pull data added- page 14
- Confirmed minimum chimney height recommendation and warranty in manual.

11/12/2021:

Request for renewal submitted. New Certificate of Conformity Issued by PFS.